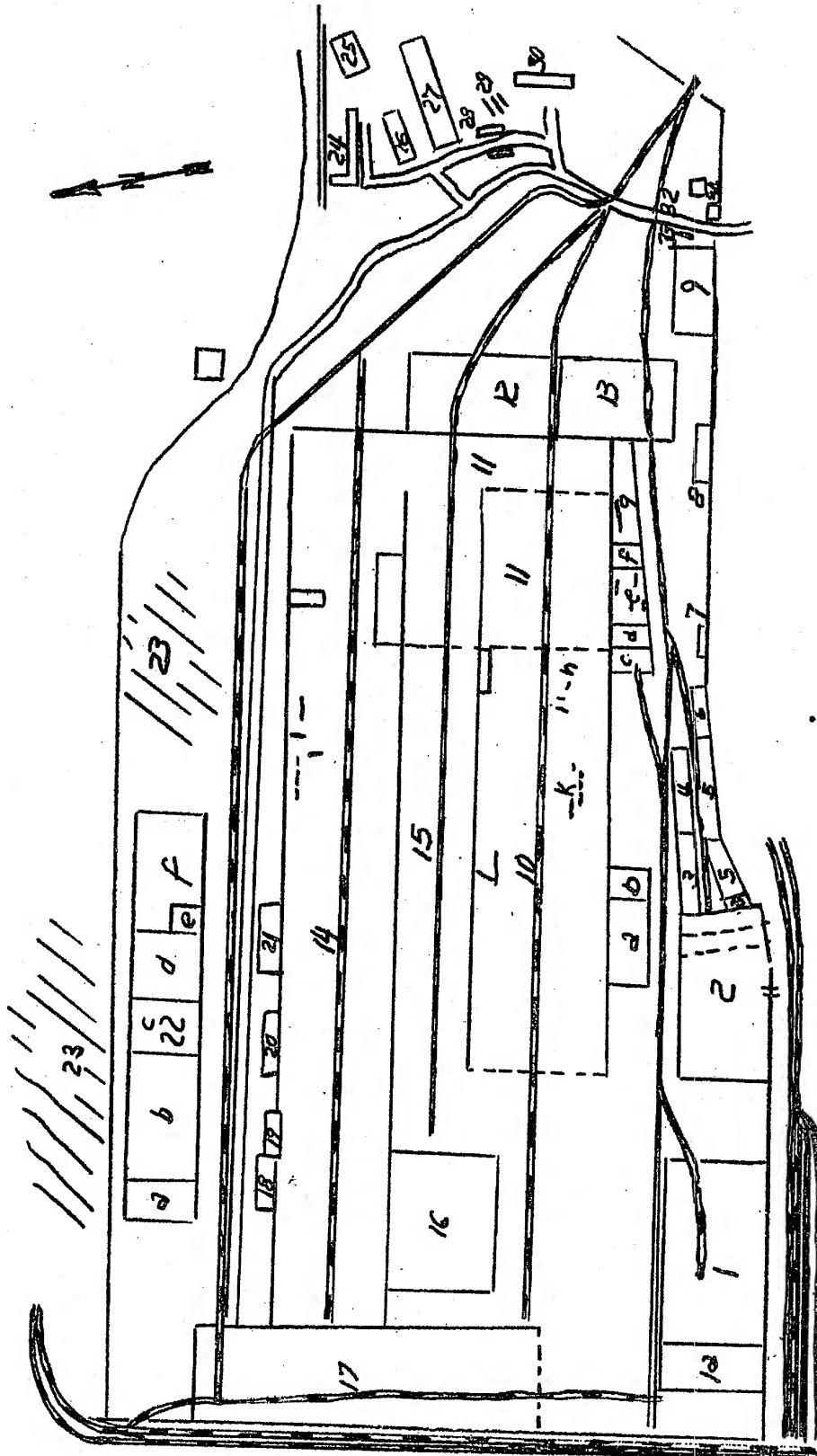


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CENTRAL INTELLIGENCE AGENCY

Layout Sketch of Molotov Plant

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50X1-HUM

Legend to Layout Sketch of the Molotov Plant.

1. New machines shop, 50 x 20 meters, three stories high. This shop, which did repair work, had 15 lathes, eight of which were set up on a gallery, several drilling and planing machines, 2 shaping machines, and a large horizontal grinding machine.
- 1a. Annealing shop with three annealing furnaces and three oil baths.
2. Main administration building, an old three-story brick structure, 30 x 15 meters.
3. Apprentice workshop.
4. Machine shop, equipped with 20 lathes, 6 automatic machines, 6 riveting machines, 4 punching machines, some furnaces. This shop produced screws, bolts, rivets, and nuts.
5. Wooden storage sheds.
 - a. Small forge.
- 6.
6. Machine for the drawing of the material used in the machine shop.
7. Bread storeroom.
8. Showers.
9. New apprentice dormitory with quartering facilities for 200 to 300 apprentices.
10. Obotka 1, old workshop, 200 x 60 meters.
 - a. Annex, where switching devices were produced.
 - b. Heating plant.
 - c. Engine house.
 - d. and e. Forge, producing hammers and chisels.
 - f. Pattern shop.
 - g. Plate rolling machine, 15 meters long, producing corrugated sheet metal needed for roofing the electrical department. Equipment: Several shears, 4 to 5 meters long for cutting 30-mm plates.
 - h. A pressing machine 12 meters high.
 - i. An angle iron shears, dismantled in Dortmund.
 - k. Several planing benches, 8 meters long.
 - l. A heavy roll for 40-mm plates; drilling machines with 60 spindles for standard bridge sections; riveting, punching, drilling machines; and 20 welding sets. This section produced steel sections, mainly blast furnace parts. Work force per shift was 150.
11. Steel depot, containing all the required sheet steel, two cutting torches, and a sheet roller.
12. New steel depot, storing structural steel, tubes, bars and rods, and housing a roller and a machine for the straightening bent structural metal and sheets.
13. New department for the preparation of assembly work and the production of light outer parts for blast furnaces. This shop had a shearing and a pressing machine and eight welding sets.
14. Obotka 2, 250 x 60 x 20 meters, producing of steel sections chiefly for bridges. This shop's equipment ^{was} similar to that of Obotka 1, but Obotka 2 also had an electrical cutting machine, large planing machines, up to 20 meters, two very large milling machines and two mobile drilling machines. This shop's work force was 200 per shift.
15. New electrical plant, formed by the roofing of the space between Obotka 1 and Obotka 2.

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